### **SPOC Complaints**

he Louisiana Department of Environmental Quality is authorized by the Environmental Quality Act to provide immediate response to any environmental problem or emergency incident which threatens human health or the environment. The Emergency Response Section is tasked to meet this obligation. The public can report complaints to the department through the Single Point of Contact line (SPOC) 225-219-3640 or Toll Free 1-888-763-5424 or online.

SPOC receives two different types of calls; calls from the public and calls from the regulated community.

When a complaint is called in, it needs to be determined if the call is actually a DEQ issue. If it is not, the operator will refer the caller to the appropriate agency and frequently call that agency themselves.

If a caller is reporting an emergency, the first question to the caller is "have you notified the proper public emergency response officials?" If they have not called, then they are asked to call police, fire and 911 and DEQ



The Plaquemine train derailment was a large DEQ emergency response event

will do the same. This helps local officials respond in a timely manner and allows DEQ responders to work with local officials.

When an emergency call comes in after normal business hours, callers are asked to call local emergency responders such as police and/or fire departments. LSP notifies the appropriate agencies including DEQ in these cases.

When a call reaches SPOC personnel during normal hours, they assess the incident and respond appropriately.

When reporting a complaint, DEQ collects the information and details. It is important to give the operator as much information as possible; what is the incident, a physical address, who is the responsible party and contact, what is spilled or released and the quantity if known. If a caller's contact information is provided to the department, the inspector assigned to the complaint can provide an update to the complainant concerning the findings processed.

### WHAT'S INSIDE?

- SPOC Complaints
- NetDMR
- Expedited Permits
- DEQ on the Move
- Town of Maurice upgrades wastewater treatment system
- Watershed coordinator helps DEQ with nonpoint source education
- 2012 ELP Awards
- Air Quality Alert Subscribe Today



Truck and vehicle overturns and accidents are a common emergency response incident.

DEQ accepts anonymous complaints by phone from 9 a.m. to 3 p.m., Monday through Friday. The complaint is forwarded to the appropriate regional office and it is investigated. If the complaint reaches to SPOC line after normal business hours, the complainant can leave a message to be heard the next day. The public

can also make a complaint on line at http://www.deq.louisiana.gov/apps/forms/ir/forms/.

Notifications of spills and releases come into SPOC from the regulated community. When there is a spill or when there is a release above the regulated quantity, the facility must notify the Louisiana State Police. DEQ is notified bt State Police and may send an emergency responder or responders to the scene.

Offsite impact helps determine the severity of the emergency. If the notification is not an emergency, but is above the regulated quantity in their permit, the call is logged into the DEQ tracking system and assigned to the closest regional office. Some regulated community notifications are required by the DEQ permit, such as start-ups, shutdowns and maintenance. Not all permits require this kind of notification.

DEQ has regional offices in Lake Charles, Lafayette, Monroe, Shreveport, Baton Rouge and New Orleans and smaller offices in Lockport and Pineville. There are staff members in each region that are trained to respond to emergencies.

### **NetDMR**

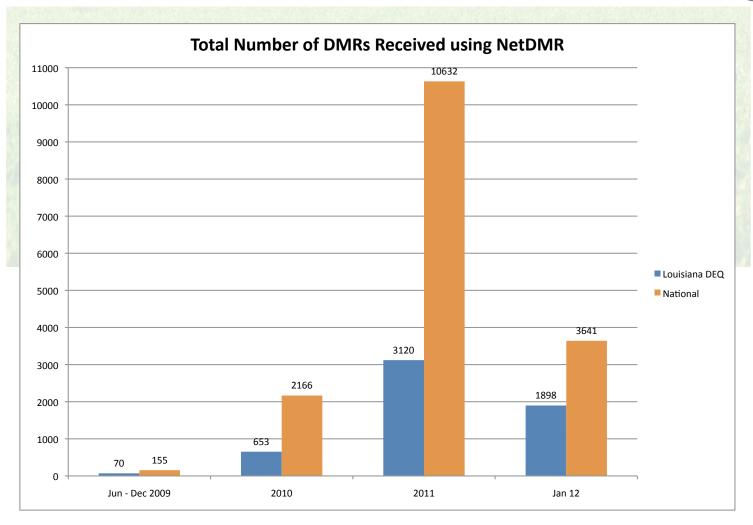
ouisiana continues to lead the way in innovative environmental protection while enhancing business capabilities, according to a letter from the U.S. Environmental Protection Agency. John Blevins, director of Compliance Assurance and Enforcement for Region 6 sent DEQ Secretary Peggy Hatch a letter in March that lauded DEQ's efforts to make the Electronic Discharge Monitoring Report a success.

"Your staff has been actively involved in the entire NetDMR process, including outreach, participation in national workgroups, training, enhancement recommendations, and providing technical assistance to permittees and other states that are considering the program," Blevins said. "The Region has come to rely on your expertise in helping to improve the NetDMR

program, and in providing guidance for other states that are considering using the program."

A discharge monitoring report, known as a DMR, is a self-reporting document that is generated by permittees that have a Louisiana Pollutant Discharge Elimination System water discharge permit. The DMR contains information pertaining to water discharges into waters of the state. DEQ receives thousands of DMRs annually and the web tool makes filling them out easier and more accurate for industry.

DEQ is also able to better use its resources because the DMRs come straight into the DEQ review system. One reason for the success of the program centers on DEQ's training classes. In 2010, 31 people



representing 28 major permits and 124 minor permits were trained through NetDMR workshops. In 2011, 135 people representing 31 major and 178 minor permits have been trained.

A class is currently scheduled for July 12 in Baton Rouge. Others are tentatively scheduled for Jennings in July and Baton Rouge in the Fall, around November. "NetDMR is one of our many recent successes in the e-business realm," said DEQ Secretary Peggy Hatch. "We are striving to protect the environment, while making

the business environment a better place to operate. We can have a successful business environment and a healthy living environment, and Louisiana is proof. We'll continue to make the advancements necessary that put Louisiana at the forefront of innovative environmental protection."

### **Expedited Permits**

he expedited permit processing program allows interested applicants to reimburse DEQ for overtime costs incurred by employees that work outside of normal business hours to expedite processing of a permit application. One important thing to remember about expedited permits is that while it cuts down on permit decision time, all regulatory requirements must be met. This means that the comment period and time for the public to participate is exactly the same as it is with a regular permit. Also, there is no extra cost to the taxpayer as the facility applying for the permit pays the overtime costs.

Since its inception in 2006, the Expedited Permit Processing Program has issued 2,605 expedited permits. The program cuts down on the time between when DEQ receives a permit application and the actual permit decision. Currently, expedited permits are available for air and water. However, the regulations have been rewritten and comment period finished which will now allow the department to include solid waste in the expedited process.

A final decision for major permits, such as Title V, usually takes about six months, which includes a 30-day public comment period and a 45-day review period for the U.S. Environmental Protection Agency. Minor source permitting decisions take about two to four months, depending on whether a public notice is needed.

These timeframes are dependent on the complexity of the permit, the number and nature of public comments and the completeness of the application. It is estimated that the expedited permitting process can shorten the air permit decision time by six to eight weeks.

This program is beneficial to industry because it shortens the time necessary for LDEQ to reach a final permit decision. It's a win for the state because there are no extra costs for the employees' overtime.

"The expedited permit program is beneficial for companies that have the resources and meet the criteria needed to participate in the program," said DEQ Assistant Secretary Sam Phillips. "It's important to note that the department can't supersede any prescribed public comment periods and that participation in the program is dependent on DEQ resources."

For an applicant to participate in the program, there must not be any outstanding fees or penalties owed to the department. The applicant must not have serious compliance history concerns, and the final decision date and the amount the applicant is willing to pay must be reasonable.

For more information on the expedited permitting process go to www.deq.louisiana.gov/portal/programs/expeditedpermitprogram.aspx.

#### **Expedited Permit Processing Program**

Permit Type	Permits Issued			2008 – 2011 Average Processing Times (in Days)		Expedited Processing Saves		Non-Expedited Actions per FTE	FTEs Required to Process Expedited
	Expedited	Non- Expedited	% Expedited	Expedited	Non- Expedited	Days	Percent	***	Apps
Title V (R) Initials, Mods, Renewals, & PSD Initials	335	753	31 %	186	334	148	44 %	134.8	17.3
Title V (G) Initials, Mods, Renewals	52	143	27 %	56	192	136	71 %		
State (Minor Source) Initials & Mods **	1947	3283	37 %	47	140	93	66 %		

Excludes pre-2000 initial TV applications.

<sup>\*\*</sup> Includes initial SOGA/MSOG permits.

<sup>\*\*\*</sup> Based on 31 FTE permit writers.

# DEQ on the Move

taff from the Southeast Regional office of DEQ partnered with Bayou Land Resource Conservation and Development group to assist with the Ben Franklin Elementary School Math and Science Environmental Fair on Saturday March 3. Jeff J. Dauzat, Ella Barbe and Davina Witte represented DEQ. Bayou Land RC&D was represented by Jennifer Roberts.

Representatives manned a booth with environmental handouts and giveaways featuring "Louie" the DEQ crawfish and information on the department's "Be the Solution" campaign. They demonstrated "Walnut Bayou," a project built by DEQ environmental scientists as an interactive river model designed to help students understand rivers' abilities to change and meander.

Hundreds of students were able to visit the DEQ display. They enjoyed digging into the river model and asked many questions relative to pollution, flooding and river water travel. DEQ staff presented the students with informational materials focusing on anti-litter and soil conservation centering on DEQ's environmental stewardship "Be The Solution" campaign.



DEQ staff with Walnut Bayou at Ben Franklin school

DEQ considers outreach and education, so citizens can participate in protecting their own environment, a vital part of its mission. Events such as the environmental fair help to introduce students to the world around them while informing them of ways in which they can play a positive role in maintaining a healthy environment for the future.

EQ Southeast Regional staff participated in the Audubon Zoo's Earth Fest for two days in mid-March. They demonstrated the Nonpoint Source group's Walnut Bayou, which shows how rivers meander and behave. The model can be manipulated to show the effects of runoff, the importance of levees and the way a river system works. Walnut Bayou was a big hit with the attendees.

DEQ staff that participated were Davina Witte, Ella Barbe, Carl Bohling, Adrienne Gossman, Crystal Clark, Laverne Foster, Lindsay Maloan, Tammy Toups and Sondra LeBreton.



"Walnut Bayou," DEQ's river model

# DEQ on the Move

**Continued** 



Evita Legard was one of five DEQ staff that presented topics to participants at the Louisiana Conference for Water, Sewerage and Industrial Waste



DEQ staff presented information about Caney Lake at a Jackson Parish meeting



(left to right) Jimmy Cochran, Bossier Parish Police Jury Vice President; Rick Avery, Bossier City Parish Police Jury President; Senator Mike Walsworth, Chair, Senate Environmental Committee Senate District 33; Representative Jeff Thompson, District 8; Peggy Hatch, DEQ Secretary; Senator Barrow Peacock, Senate, District 37; Bill Altimus, Bossier Parish Administrator; Jane Smith, Deputy Secretary, Department of Revenue; Representative Henry Burns, District 9; Alex Appeaning, DEQ Deputy Secretary; and Bijan Sharafkhani, DEQ Administrator joined local officials in presenting a check for \$17,750,000 to Bossier Parish for waste water infrastructure

### Town of Maurice upgrades wastewater treatment system

aurice, a small municipality in Vermillon Parish, has recently upgraded their wastewater treatment system to a state-of-the-art facility serving more than 640 residents of the town.

Located just southwest of Lafayette, Maurice's population has begun to rise slightly as Lafayette's expansion continues to spread into the neighboring towns. With such growth having the potential to put stress on an already taxed wastewater treatment system, Maurice decided to take steps to improve their wastewater treatment system, which had been in need of repair for some time.

In December 2010, the Louisiana Department of Environmental Quality began working with Maurice to correct some issues regarding exceedances in the effluent parameters at their existing wastewater treatment plant. In March 2011, through the combined efforts of the municipality and in coordination with DEQ's Municipal Sewage Assistance Program, Maurice announced system upgrades in place with construction underway on the new facility.

Constructed through the assistance of a USDA grant and a Lot grant, a new Biolac treatment system was installed with the purpose of correcting the outdated facility's problems while providing a much better wastewater treatment system for the community. In addition, planners looked toward the future, building the system in such a way that allows for expansion and further development, with the capability to build additional processing units on the property.

"Maurice's new Biolac wastewater treatment system is a fine example of how a small community can take bold and important steps to effect change in their infrastructure to the benefit of the community as a whole," said Wayne Slater, DEQ Environmental Scientist. "This is a new, state-of-the-art system that not only reflects favorably for the region, it sets a precedent for smaller municipalities across the state."

The facility is currently using the old treatment plant for transitional sludge processing purposes until such time the new facility is fully capable to handle all sludge processing and water

# Watershed coordinator helps DEQ with nonpoint source education

o help spread the word about nonpoint source pollution, where it comes from and how it affects Louisiana's valuable watersheds, DEQ has partnered with entities around the state to be watershed coordinators. A watershed is an area that drains into a river, bayou, lake, estuary or wetland. Nonpoint source pollution is any pollutant that runs off the land from our yards, farms, forests, streets and parking lots. This pollution includes sediment (mud) fertilizers, pesticides, oil, metals, litter and bacteria from animal waste. Nonpoint pollution is the greatest contributor to water pollution in the United States.

The duties of the watershed coordinators include outreach and education, as well as outlining the problems and benefits within each watershed.

In February and early March, Stephanie Cernich, of the Twin Valley RC & D and watershed coordinator for watersheds in northern Louisiana, worked with seven environmental science and chemistry classes at Many High School and more than 75 junior and senior students in Annette Parker's and Jeremie Ryan's classes. She presented a power point on nonpoint source pollution that showed what it is and the sources of the pollution. Then the students went outside and tested the water in a large ditch on their school property for temperature, pH, dissolved oxygen, turbidity and E. coli. They compared their results with the water quality standards to determine whether or not the water was meeting the criteria.

Stephanie also gave a nonpoint pollution presentation for Debra Fontenot's four science classes at Many Junior High School for approximately 80 students. Ms. Fontenot had collected rain water and pond water and brought it into the classroom for the students to test. The students tested the temperature, pH, dissolved oxygen and turbidity. One class had extra time to put the rain water and pond water in petri dishes to test for E. coli. The petri dishes incubated in the classroom for all the other classes to see. Stephanie returned to Many High School to help the students interpret the results of their E. coli tests.

Converse School and Shelia Farmers' six science classes was the next stop. There were approximately 101 students and two 8th grade classes, two 7th grade classes and two 6th grade classes. The students tested their school's tap water from the water fountain as well as pond water. The students tested for pH and turbidity. Some classes had extra time to play the pH guessing game, where they guessed the pH of orange juice, grape juice, bleach, Windex, coffee and milk.

In three more visits to area schools, approximately 54 students at Zwolle Intermediate School, 29 fourth grade students at Florien School and 53 fifth grade students at Northwestern State University Lab School participated in a water-in-a-jar experiment and saw the nonpoint pollution presentation. The water-in-a-jar experiment lets the students observe changes in



Students from Zwolle Intermediate School try the Water-in-a-Jar experiment showing how various pollutants affect the water.

water when they add fertilizer, bug spray, household chemicals, oil, sediment and litter. They observed the turbidity of their school's tap water, then tested the pH and turbidity of water from two ponds – water that the watershed coordinator brought into the classrooms.

These kinds of educational outreach help educate young people and students about nonpoint source pollution, the tools that are used to define it and how to prevent it.

### 2012 ELP Awards

ebruary 29, Secretary Peggy Hatch of the Louisiana Department of Environmental Quality was joined by Senator Mike Walsworth, chair, Senate Environmental Quality Committee, to recognize environmental achievements at the 2012 Environmental Leadership Program Awards ceremony. New and existing members of ELP were commended for their voluntary pollution prevention efforts, community environmental education and outreach initiatives. The ceremony highlighted projects that went above and beyond regulatory compliance to substantially improve the quality of the environment. In 2012, the ELP enrolled 15 new members.

Awards were presented to large, medium and small businesses, municipalities, non-governmental organizations and schools. This year, DEQ presented 15 awards in recognition of the following:

- 342,785,000 pounds of pollutants were removed
- Reduction in water usage in the amount of 95,000,000 gallons
- Recycling 149,340 lbs per year of E-waste
- Recycling 715,369 gallons per year of hydrocarbon contaminated water, soapy water, used oil, etc.

"The Environmental Leadership Program recognizes those who have gone above and beyond regulation to combat pollution, spearhead community outreach efforts, or present educational programs that make a positive difference in the quality of Louisiana's environment," said DEQ Secretary Peggy Hatch. "The school recognition award encourages students to participate in protecting their environment and helps give them the tools to do so."

#### **ELP Award Winners**

# The Zerangue Group, Lafayette The "X-Tractor" Sugarcane Processor

The Zerangue Group was awarded an Environmental Leadership Program (ELP) Special Recognition Award in Pollution Prevention for its advances in the sugarcane processing industry through the invention of the X-Tractor Sugarcane Processor. The X-Tractor is designed to be pulled alongside a traditional cane harvester or set-up as a stand-alone unit and process sugarcane on-site. As a result, bagasse is collected on-site and made available for delivery to other vendors. Biofuels producers, such as ethanol, can store the bagasse for future processing, allowing the biofuel refinery the ability to process and generate year round. Additionally, the need to burn the cane in the field is eliminated, reducing greenhouse gas emissions, smoke and ash. In addition to the above, the X-Tractor saves approximately \$24 million a year in transportation costs.

# Valero Refining-St. Charles Refinery, Norco Valero Cat Cracker Conversion

Valero Refining-St. Charles Refinery was awarded an *Environmental Leadership Program (ELP) Large Business Achievement Award in Pollution Prevention* for making a commitment to continuous improvement in its environmental performance by converting its MilliSecond Catalytic Cracking Unit to a Fluid Catalytic Unit. The key to efficient operation of a catalytic cracking unit is the ability to regenerate and recirculate catalyst. As a result of the unit conversion, over 4,700 annual tons of waste catalyst are eliminated by a two-stage catalyst separation system. In addition to eliminating the need for disposal of waste catalyst into local landfills, less fresh catalyst is required

for operation and therefore, improving overall air quality by eliminating 17.5 annual tons of emissions. This project was a huge undertaking in the midst of a slow economy. This indicates a further commitment to growth through innovation and environmentally clean products.

#### Rubicon, LLC, Geismar

#### Aniline II Boiler Efficiency Improvement Project

Rubicon, LLC was awarded an *Environmental Leadership Program (ELP) Large Business Achievement Award in Pollution Prevention* for reducing hydrogen usage and significant energy conservation, thereby reducing environmental impacts while operating the aniline II boiler more efficiently. The overall efficiency of the aniline II boiler was increased by the installation of a new damper with tighter shutoff capabilities. Improvements to the combustion control by replacing the existing air flow meter with a multi-point thermal dispersion flow element also increased efficiency. These improvements resulted in a savings of more than \$700,000.

# Albemarle Corporation, Baton Rouge VECAP EMS Implementation and Certification

Albemarle Corporation was awarded an *Environmental Leadership Program (ELP) Large Business Achievement Award in Environmental Management Systems* for being certified in Voluntary Emissions Control Action Plan (VECAP). VECAP is a proactive product stewardship initiative established by the flame retardant industry that uses a mass balance approach to determine potential chemical emissions from a given process. Currently, there are no state or federal regulations that require the implementation of a program such as VECAP. VECAP represents a voluntary and proactive effort to reduce emissions to the environment above and beyond present North American regulatory standards.

### Marathon Petroleum, Garyville Hands-on Science Experiments at Local Schools

Marathon Petroleum was awarded an Environmental Leadership Program (ELP) Large Business Achievement Award in Community Environmental Outreach for volunteering with third and fourth grade students at local elementary schools with hands-on experiments to encourage students to explore and learn about chemistry,

physics and geology. For the past ten years, Marathon has targeted this age group to generate excitement and curiosity about science and nature. Approximately 20 Marathon employee volunteers interact with 70-100 students, allowing them to see the value of having a strong foundation in science and improving student interest in science so that they leave school with the academic, technical and employability skills necessary to be successful in the 21st century workplace.

### ExxonMobil Polyolefins Plant, Baton Rouge ExxonMobil Community Outreach Team EMCOT

ExxonMobil Polyolefins Plant was awarded an Environmental Leadership Program (ELP) Large Business Achievement Award in Community Environmental Outreach for volunteering in the local community to provide information on the importance of recycling and science and math education. ExxonMobil employee volunteers (EMCOT) is an ongoing group that works on projects mutually beneficial to all in the surrounding communities by partnering with several schools and two headstart programs. Numerous activities involving EMCOT and the surrounding communities fostered mutual respect while providing beneficial information.

## PCS Nitrogen Fertilizer, Geismar Greenhouse Gas Reduction

PCS Nitrogen Fertilizer was awarded an *Environmental Leadership Program (ELP) Medium Business Achievement Award in Pollution Prevention* for significantly reducing nitrous oxide emissions by installing a secondary catalyst in the reactor bed of Nitric Acid Train 5. EPA has identified nitrous oxide as a very potent greenhouse gas with a global warming factor 310 times greater than carbon dioxide. The installation resulted in an approximate 75 percent reduction in the generation of nitrous oxide, which represents a reduction of greater than 3,000 tons per year.

# Advanced Specialized Carriers, Pineville Beneficial Reuse

Advanced Specialized Carriers was awarded an Environmental Leadership Program (ELP) Small Business Recognition Award in Pollution Prevention for reducing the amount of waste transported to landfills. Advanced Specialized Carriers picks up oily water and soapy water for treatment and recycling. By keeping this waste out of the landfills, the use of solidification materials are decreased and space is freed up in landfills.

### Country Club Auto Repair & Bentley's Collision, Lake Charles

#### Limit Waste Project

Country Club Auto Repair & Bentley's Collision was awarded an *Environmental Leadership Program (ELP)* Small Business Recognition Award in Pollution Prevention for implementing a pollution prevention program by reducing the amount of waste used and disposed of at its auto repair shop. Through the implementation of several projects, including identifying where waste was generated and managed, installing water-based paint booths thereby reducing Volatile Organic Compound (VOC) emissions, and increasing recycling activities, the elimination of waste improved the working environment and made the community better.

### LifeCity, New Orleans Gumbo Green Games

LifeCity was awarded an *Environmental Leadership Program (ELP) Small Business Achievement Award in Community Environmental Outreach* for implementing the Gumbo Green Games as a fun competition for New Orleans-area retailers, restaurants, offices and Mardi Gras Krewes, to reduce costs and harmful environmental impacts on the community. While examining their business practices and working towards their goals throughout the competition, organizations were able to improve their social, environmental and economic outcomes.

### City of Carencro, Carencro Automated Meter Reading Program

City of Carencro was awarded an *Environmental Leadership Program* (*ELP*) *Municipality Recognition Award in Pollution Prevention* for improving the efficiency of its wastewater treatment system and installing over 2,000 automatic meter reading devices on water meters throughout the city. The updated water meters allowed the city to read the meters in a more efficient manner, thereby reducing the amount of water it discharged during the production process and the quantity of chemicals it used in the production of water.

### City of Scott, Scott Household Hazardous Waste and White Good Collection Day

City of Scott was awarded an *Environmental Leadership Program (ELP) Municipality Achievement Award in Community Environmental Outreach* for hosting collection days for household hazardous waste and white goods as a free service for the citizens of Scott to properly dispose of these materials and keep them out of the waterways and natural environment. The city encouraged recycling in order to preserve our valuable resources and promote poison control.

# Capital Area Corporate Recycling Council (CACRC), Baton Rouge

# Recycle Your Electronics Day-Partnership WBRZ and CACRC

Capital Area Corporate Recycling Council (CACRC) was awarded an *Environmental Leadership Program (ELP) Non-Governmental Organization Achievement Award* in Pollution Prevention for committing to electronic scrap reduction and providing recycled computers and equipment to schools, nonprofits, and low income families; and using the framework of reuse, recover and recycle for the material that flows through the facility. CACRC received donations of used computer/electronic equipment and refurbished them for distribution described above. CACRC held 29 recycling events in partnership with local communities, businesses, and media sponsors.

### Harry Hurst Middle School Green Team, Destrehan Litter Reduction

Harry Hurst Middle School Green Team was awarded an *Environmental Leadership Program (ELP) Schools Recognition Award in Pollution Prevention* for increasing recycling at the school and introducing composting. The Green Team encouraged classmates to recycle paper, plastic, aluminum and cardboard. Through education and experience, students adopted a lifestyle of promoting sustainable living and experienced firsthand the impact that individuals and communities collectively have on the environment. These projects encourage the students to be better environmental stewards of our resources.

### Montessori School for Shreveport, Shreveport Coates Bluff Greenway and Watershed Protection

Montessori School for Shreveport was awarded an *Environmental Leadership Program (ELP) Schools Achievement Award in Community Environmental Outreach* for undertaking the cleanup effort leading to the removal of 25,000 pounds of trash. Additionally, a trail has been established connecting three schools and a community center creating a field trip destination for the entire city of Shreveport. Defining this area by its watershed has led to the education of preventative measures. Continued protection and future conservation will be key in preserving this area as an important wildlife corridor.

### 2011- 2012 NEW ELP MEMBERS

Advanced Specialized Carriers, Inc.
City of Eunice - Wastewater Department
City of Pineville
City of Scott
City of Youngsville
LifeCity, LLC
Mitchell Transportation
PCS Nitrogen Fertilizer, LP
Town of Boyce
Town of Delcambre
Town of Delhi
Town of Welsh
Town of White Castle
Village of Simsboro
Zerangue Group

For more information on the ELP, please contact Linda Brown at 225-219-3954 or visit the DEQ Web Site at www. deq.louisiana.gov/elp.

### Air Quality Alert - Subscribe Today

o you know what color you air is? If you sign up for EnviroFlash you will. Ozone season begins May 1 and goes though September 30, so it is important to know how air quality is as you plan your activities.

An easy way to keep informed about air quality is through the EnviroFlash notification system. EnviroFlash is a free e-mail alert system that delivers air quality information straight to an inbox or phone. Citizens can subscribe and fill in basic information such as the frequency with which they would like to receive notifications, e-mail address and ZIP code. The subscriber will then receive alerts either daily or when ozone or particle pollution is expected to be unhealthy. Another benefit to subscribing to EnviroFlash is that DEQ will send out manual email to subscribers when there is an event such as a fire that affects the air quality.

### LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY'S FIRST QUARTER SUMMARIES

#### 1st Quarter 2011 Enforcement Actions:

http://www.deq.louisiana.gov/portal/tabid/225/Default.aspx

#### 1st Quarter 2011Settlement Agreements:

http://www.deg.louisiana.gov/portal/tabid/2838/Default.aspx

#### 1st Quarter 2011 Air Permits:

http://www.deq.louisiana.gov/portal/tabid/2922/Default.aspx

#### 1st Quarter 2011 Water Permits:

http://www.deg.louisiana.gov/portal/tabid/2899/Default.aspx

### 1st Quarter 2011 Solid and Hazardous Waste Permits:

http://www.deq.louisiana.gov/portal/tabid/2586/Default.aspx

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